

TREATING PULMONARY DISORDERS
WITH GASEOUS AGENT CAUSING REPLETION OF GSNO

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Abstract of the Disclosure

Pulmonary disorders in which the GSNO pool or glutathione pool in the lung is depleted and where reactive oxygen species in lung are increased, are treated by delivering into the lung as a gas, agent causing repletion or increase of the GSNO pool or protection against toxicity and does so independently of reaction with oxygen. Agents include ethyl nitrite, NOCl, NOBr, NOF, NOCN, N₂O₃, HNO, and H₂S. Optionally, N-acetylcysteine, ascorbate, H₂S or HNO is administered in addition to other GSNO repleting agent to potentiate the effect of said agent.

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